

Submarine signal processor - Navy

Proposed Recipient: Mercer Engineering Research Center (MERC)

Address of Recipient: 135 Osgian Boulevard; Warner Robins, GA 31088

Amount of Request: \$6 Million

Explanation of Request

Purpose: The AN/BLQ-10A(V) provides detection, identification, and direction-finding for radar and communication signals emanating from ships, aircraft, submarines, and landbased emitters. ES equipment is used by attack submarines to aid in self-protection, situation awareness, battle space preparation, intelligence-gathering for battle group support, and support for special operations forces.

Why is it a good use of Taxpayer funds: The new technology will also reduce crew workload and increase system performance and operator effectiveness. It will reduce rack space by replacing obsolete analog equipment with modern digital components. It will offer improved reliability including the ability to perform remote maintenance and long term supportability of the AN/BLQ-10A(V) system will improve by providing the government with COTS components and open architecture signal processing software not tied to a specific proprietary architecture.